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**Lineage** (full): root; Viruses; dsDNA viruses, no RNA stage

[ICTV homepage](#)

○ **Herpesviridae** *Click on organism name to get more information.*

○ **Alphaherpesvirinae**

○ **bird herpesviruses**

• **Iltovirus**

○ **Mardivirus**

- **Gallid herpesvirus 2** (Marek's disease virus type 1)
- **Gallid herpesvirus 3** (Marek's disease virus type 2)
- **Marek's disease herpesvirus (strain MD11/75C/R2)**
- **Marek's disease herpesvirus (strain RB-1b)**
- **Marek's disease herpesvirus strain bc-1**
- **Marek's disease herpesvirus strain GA**
- **Marek's disease herpesvirus strain MD5**
- **Meleagrid herpesvirus 1** (Turkey herpesvirus)

○ **Simplexvirus**

- **Ateline herpesvirus 1**
- **Baboon herpesvirus 2**
- **Bovine herpesvirus 2**
- **Cercopithecine herpesvirus 1** (B virus)
- **Cercopithecine herpesvirus 2** (SA8)
- **Herpes simplex virus 7**
- **Herpes simplex virus unknown type**
- **Human herpesvirus 1** (Herpes simplex virus type 1)
- **Human herpesvirus 2** (Herpes simplex virus type 2)
- **Macropodid herpesvirus 1** (parma wallaby herpesvirus)
- **Macropodid herpesvirus 2** (dorcopsis wallaby herpesvirus)

○ **Varicellovirus**

- **Bovine herpesvirus 1**
- **Bovine herpesvirus 5**
- **Bubaline herpesvirus 1**
- **Buffalo herpesvirus 1**
- **Canine herpesvirus 1**
- **Caprine herpesvirus 1** (goat herpesvirus)
- **Cercopithecine herpesvirus 9** (Simian varicella virus)

- Cervid herpesvirus 1
- Equid herpesvirus 1 (Equine herpesvirus 1)
- Equid herpesvirus 3
- Equid herpesvirus 4 (Equine herpesvirus 4)
- Equid herpesvirus 8
- Feline herpesvirus 1
- Gazelle herpesvirus 1
- Human herpesvirus 3 (Varicella-zoster virus)
- Phocid herpesvirus 1
- Suid herpesvirus 1 (Pseudorabies virus)
- Equine herpesvirus sp.
- unclassified Alphaherpesvirinae
  - Bottlenose dolphin herpesvirus
  - Bovine herpesvirus 3
  - Gerrhosaurid herpesvirus 1
  - Gerrhosaurid herpesvirus 2
  - Gerrhosaurid herpesvirus 3
  - Iguanid herpesvirus 2
  - Phocine herpesvirus type 1
  - Rangiferine herpesvirus 1
  - Squirrel monkey herpesvirus 1
  - Vulture herpesvirus
- Betaherpesvirinae
  - Cytomegalovirus
    - Baboon cytomegalovirus
    - Cercopithecine herpesvirus 5
    - Cercopithecine herpesvirus 8 (Rhesus cytomegalovirus)
    - Colobus badius cytomegalovirus 1
    - Colobus guereza cytomegalovirus 1
    - Human herpesvirus 5 (Human cytomegalovirus)
    - Mandrillus cytomegalovirus
    - Phacochoerus africanus cytomegalovirus 1
    - Pongine herpesvirus 4 (Chimpanzee cytomegalovirus)
    - Pongo pygmaeus cytomegalovirus 1
    - Porcine cytomegalovirus
    - Simian cytomegalovirus
    - Vervet cytomegalovirus CSG
    - unidentified cytomegalovirus
  - Muromegalovirus
    - Murid herpesvirus 1 (Murine cytomegalovirus)
    - Murid herpesvirus 2 (Rat cytomegalovirus)
  - Roseolovirus
    - Human herpesvirus 6
    - Human herpesvirus 6A
    - Human herpesvirus 6B
    - Human herpesvirus 7
    - Pan troglodytes herpesvirus 6
  - Tupaiid herpesvirus 1
  - Tupaiid herpesvirus 2
  - unclassified Betaherpesvirinae
    - Aotine herpesvirus 1

- Atypical cytopathic virus
- Elephant herpesvirus 1
- Macaca mulatta cytomegalovirus
- Mandrillus herpesvirus beta
- Porcine cytomegalovirus B6
- Porcine cytomegalovirus OF-1
- Gammaherpesvirinae (lymphoproliferative virus group)
  - Lymphocryptovirus
    - Callitrichine herpesvirus 3 (Marmoset lymphocryptovirus)
    - Cercopithecine herpesvirus 12
    - Cercopithecine herpesvirus 15 (Rhesus lymphocryptovirus)
    - Human herpesvirus 4 (Epstein-Barr virus)
    - lymphocryptovirus 1
    - lymphocryptovirus 2
    - Pongine herpesvirus 1
    - Pongine herpesvirus 2
    - Pongine herpesvirus 3
    - Saimiriine Herpesvirus 3
    - unclassified Lymphocryptovirus
  - Rhadinovirus
    - Alcelaphine herpesvirus 1 (wildebeest herpesvirus)
    - Alcelaphine herpesvirus 2
    - Ateline herpesvirus 2 (Herpesvirus ateles)
    - Babyrousa babyrussa rhadinovirus 1
    - Bovine herpesvirus 4
    - Cercopithecine herpesvirus 17 (Rhesus rhadinovirus)
    - Chlorocebus rhadinovirus 1 (ChRV1)
    - Chlorocebus rhadinovirus 2 (ChRV2)
    - Diceros bicornis rhadinovirus 1
    - Equid herpesvirus 2 (Equine herpesvirus 2)
    - Equid herpesvirus 5
    - Gorilla rhadinovirus 1
    - Human herpesvirus 8 (Kaposi's sarcoma-associated herpesvirus - Human herpesvirus 8)
    - Hylobates leucogenys rhadinovirus 2
    - Macaca fuscata rhadinovirus
    - Macaca nemestrina rhadinovirus 2
    - Macaque gamma virus
    - Mandrillus herpesvirus 1
    - Mandrillus herpesvirus 2
    - Murid herpesvirus 4 (Murine herpesvirus 68)
    - Mustelid herpesvirus 1
    - Ovine herpesvirus 2
    - Pan rhadino-herpesvirus 2
    - Pan troglodytes rhadinovirus 1
    - Phacochoerus africanus rhadinovirus 1
    - Retroperitoneal fibromatosis-associated herpesvirus
    - Saimiriine herpesvirus 2 (Herpesvirus saimiri)
    - Sus barbatus rhadinovirus 1
    - Tupaia belangeri rhadinovirus 1
    - Type 1 ruminant rhadinovirus

- Type 2 ruminant rhadinovirus
- unclassified Rhadinovirus
- unclassified Gammaherpesvirinae
  - American bison gammaherpesvirus
  - Asinine herpesvirus 4
  - Asinine herpesvirus 5
  - Asinine herpesvirus 6
  - Baboon gamma-herpesvirus
  - Blainville's beaked whale gammaherpesvirus
  - Bottlenose dolphin gammaherpesvirus
  - California sea lion herpesvirus
  - Caprine herpesvirus 2
  - Deer malignant catarrhal fever virus
  - Dwarf sperm whale gammaherpesvirus
  - Hexaprotodon liberiensis lymphotropic herpesvirus 1
  - Impala herpesvirus 1
  - Murine herpesvirus 72
  - Phacochoerus africanus lymphotropic herpesvirus 1
  - Porcine gamma-herpesvirus
  - Porcine lymphotropic herpesvirus 1
  - Porcine lymphotropic herpesvirus 2
  - Porcine lymphotropic herpesvirus 3
  - Springbok herpesvirus 1
  - Springbok herpesvirus 2
  - Sus barbatus lymphotropic herpesvirus 1
  - Tapir herpesvirus
  - Wild ass herpesvirus
  - Zebra herpesvirus
- Ictalurivirus
  - Ictalurid herpesvirus 1 (Channel catfish virus)
- Unassigned Herpesviridae
  - Callitrichine herpesvirus 1
  - Cercopithecine herpesvirus 3
  - Cyprinid herpesvirus 1
  - Cyprinid herpesvirus 2
  - Gallid herpesvirus
  - Guinea pig cytomegalovirus
    - Guinea pig cytomegalovirus (strain 22122 / ATCC VR682) (GPCMV)
  - Koi herpesvirus
  - Ostreid herpesvirus 1
  - Ovine herpesvirus 1
  - Phocid herpesvirus 2
  - Psittacid herpesvirus 1
  - Ranid herpesvirus 1 (Lucke tumor herpesvirus)
- unclassified Herpesviridae
  - African elephant endotheliolytic herpesvirus (Afeev)
  - Anatid herpesvirus 1
  - Anguillid herpesvirus
  - Asian elephant endotheliolytic herpesvirus (Aseev)
  - Asinine herpesvirus AHV4-1
  - Asinine herpesvirus AHV4-2

- Asinine herpesvirus AHV4-3
- Asinine herpesvirus AHV5-1
- Asinine herpesvirus AHV5-2
- Asinine herpesvirus AHV5-3
- Asinine herpesvirus AHV5a
- Ateline herpesvirus 3
- Bovine lymphotropic herpesvirus
- Caprine lymphotropic herpesvirus
- Columbid herpesvirus 1
- Cottontail Rabbit Herpesvirus
- Crocodylid herpesvirus 1
- Duck enteritis virus
- Flounder herpesvirus
- lung-eye-trachea disease-associated herpesvirus
- Olive ridley turtle herpesvirus
- Oyster herpes-like virus
- Pilchard herpesvirus
- Psittacid herpesvirus 2
- Psittacid herpesvirus 3
- Psittacid herpesvirus 4
- Salmonid herpesvirus 1
- Salmonid herpesvirus 2
- stealth viruses
  - Stealth virus
  - Stealth virus 1
- Tilapia larvae encephalitis virus
- Tilapia larvae herpesvirus
- Turtle herpesviruses
  - Caretta caretta herpesvirus
  - Chelonia mydas herpesvirus
  - Fibropapilloma-associated turtle herpesvirus
  - Fibropapillomatosis associated Chelonia mydas herpesvirus
  - Green turtle herpesvirus
  - Loggerhead turtle herpesvirus
  - Tortoise herpesvirus
  - Tortoise herpesvirus 2
- Varanid herpesvirus 1
- unidentified herpesvirus

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**Disclaimer:** The NCBI taxonomy database is not an authoritative source for nomenclature or classification - please consult the relevant scientific literature for the most reliable information.

Comments and questions to [info@ncbi.nlm.nih.gov](mailto:info@ncbi.nlm.nih.gov)

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